

## SEQUENCE LISTING

<110> Vadim R. Viviani  
Yoshihiro Ohmiya

<120> Nucleic Acid Molecules Encoding Red and  
Green Emitting Luciferases

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<141> 2000-03-01

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Tyr	Gln	Ser	Leu	Tyr	Lys	Phe	Ala	Ser	Phe	Pro	Glu	Ala	Ile	Ile	Asp	
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Cys	Arg	Leu	Ala	Val	Ser	Ile	Glu	Gln	Tyr	Gly	Leu	Asn	Glu	Asn	Asn	
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Val	Val	Gly	Val	Cys	Ser	Glu	Asn	Asn	Ile	Asn	Phe	Phe	Asn	Pro	Val	
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tac Tyr	aca Thr	gat Asp	gga Gly	gag Glu 110	tta Leu	act Thr	ggt Gly	cat His	ttg Leu 115	aat Asn	ata Ile	tca Ser	aaa Lys	cca Pro 120	act Thr	388
atc Ile	atg Met	ttt Phe	agt Ser 125	tca Ser	aag Lys	aaa Lys	gca Ala	ctc Leu 130	ccg Pro	ctt Leu	att Ile	ctg Leu	aga Arg 135	gta Val	cag Gln	436
caa Gln	aat Asn	cta Leu 140	agt Ser	ttc Phe	att Ile	aaa Lys	aaa Lys 145	gtc Val	gta Val	gtt Val	atc Ile	gat Asp 150	agc Ser	atg Met	tac Tyr	484
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 Cys Val Val Leu Glu Ser Gly Lys Thr Leu Thr Glu Lys Glu Val Gln  
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Ser Asn Asp Met Tyr Thr Glu Arg Glu Met Ile Gly His Leu Asn Ile	
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Ile Arg Phe Val His Ser Ser Asp Pro Ile Tyr Gly Thr Arg Ile Ala	
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Pro Asp Thr Ser Ile Leu Ala Ile Ala Pro Phe His His Ala Phe Gly	
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Lys Ile Ala Ser Ile Val Val Pro Pro Pro Ile Met Val Tyr Leu Ala	
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Lys Ser Pro Leu Val Asp Glu Tyr Asn Cys Ser Ser Leu Thr Glu Ile	
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